

Amendment to the Drawings:

The attached sheets of drawings include changes to figures 1, 2 and 3.

REMARKS

Claims 1-44 are pending in the application. Claims 1-3, 5-6, 8-9, 11, 13-17, 19-21, 24, 27-28, 32-36, 39-42 and 44 have been amended. No claims have been added.

Applicant believes that this response addresses the Examiner's rejection and that any changes do not introduce new matter into the specification, limit the scope of the claims or result in any prosecution history estoppel.

Drawings

Applicant respectfully notes that figure 2 has been corrected to indicate "count_enable" for item 210 and "counting control logic" for item 204. Figure 3 has been corrected to indicate "Xstep" for item 314. Figure 1 has been amended to show "system 100" and "address generator 102."

Specification

Figure 1 has been amended to show "system 100" and "address generator 102."

On page 4, paragraph 3, "multiplexer 112" has been replaced with "multiplexer 114."

On page 5, in last row of second column, "Ystop" should be "Xstop."

The Examiner also objected to some terms under 35 USC S. 112, first or second paragraph. Applicant respectfully notes that the terminology is described in the specification as originally filed. The application has been amended to further clarify the terms.

Claim Discussion – 35 USC S. 112

Claims 1-44 were rejected under 35 USC S. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

In particular, in claim 1, "first, second and offset values and address values" refers to the values previously stated in claim 1. "Memory" also refers to the previously stated memory in claim 1.

In claim 2, "memory" refers to the previously stated memory in claim 1.

In claim 3, "start values" refers to the previously stated start values in claim 1.

In claim 5, antecedent basis have been provided for "the length values," "the last starting value," and "slip."

Antecedent basis have also been provided for "the step values" (claim 6), "the slip after length modes" (claim 8), "the new start value" (claim 9), "the counter length" (claim 9), "the slip register" (claim 11), "the counter stop" (claim 11), "the count after stop mode" (claim 13) and "the count after length mode" (claim 15). The "generator" has been amended to "the address generator" in claim 19.

Claims 9, 14, 16, and 17 have been amended to clarify which terms the claims refer to.

Moreover, claims 20-44 have been amended accordingly.

CONCLUSION

In view of the foregoing, it is respectfully asserted that all of the claims pending in this patent application are in condition for allowance.

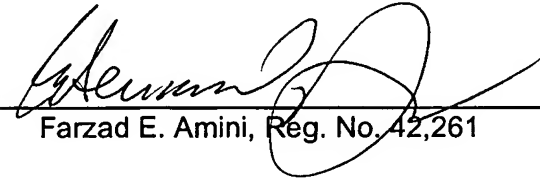
The required fee for a two month extension of time is enclosed. No additional fees are required for additional claims. Should it be determined that an additional fee is due under 37 CFR §§1.16 or 1.17, or any excess fee has been received, please charge that fee or credit the amount of overcharge to deposit account #02-2666.

If the Examiner has any questions, he is invited to contact the undersigned at (323) 654-8218. Reconsideration of this patent application and early allowance of all the claims is respectfully requested.

Respectfully submitted,

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Dated: July 24, 2006

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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to: Commissioner for Patents, Post Office Box 1450, Alexandria, Virginia 22313-1450 on July 24, 2006.


Nedy Calderon

07/24/06



"ANNOTATED SHEET SHOWING CHANGES"

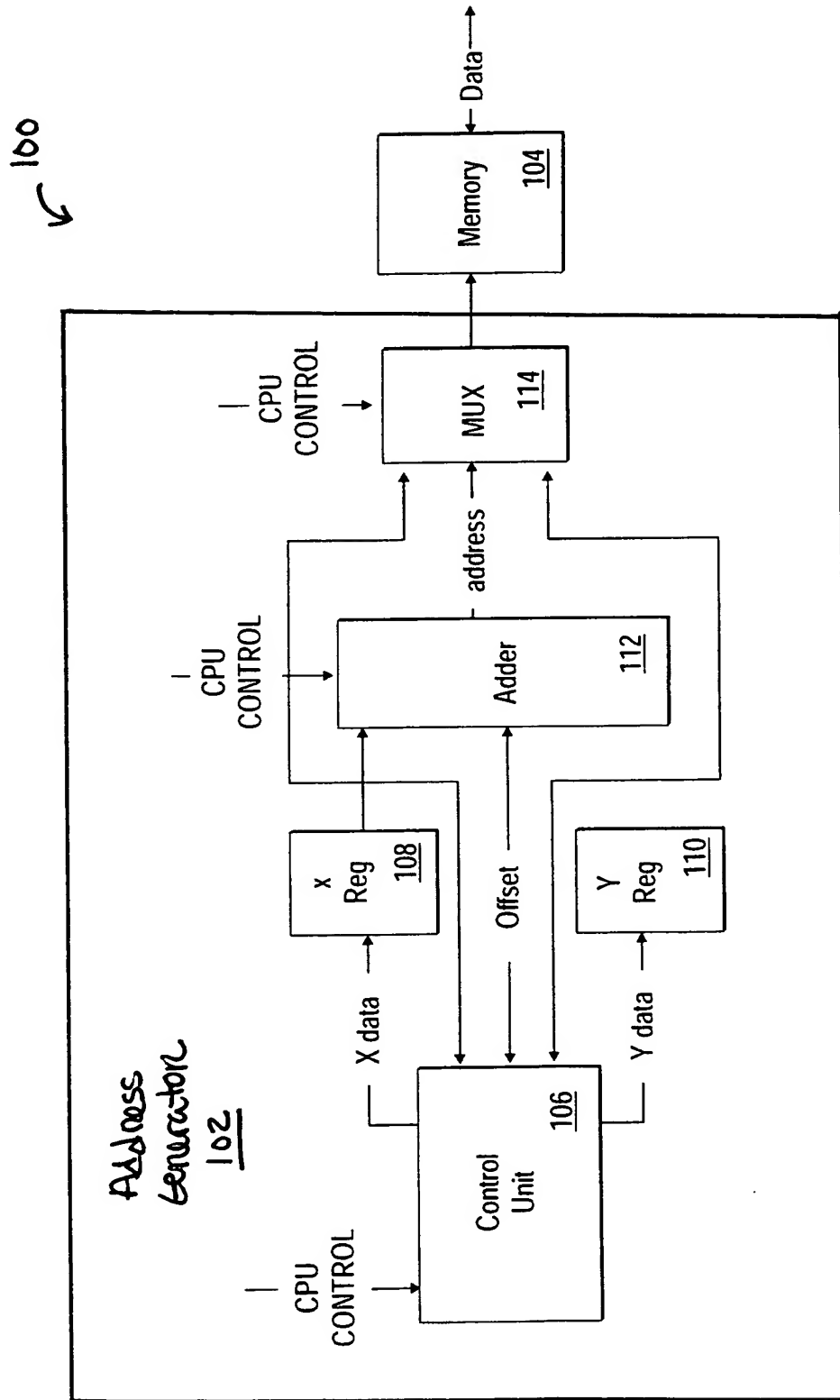


Fig. 1

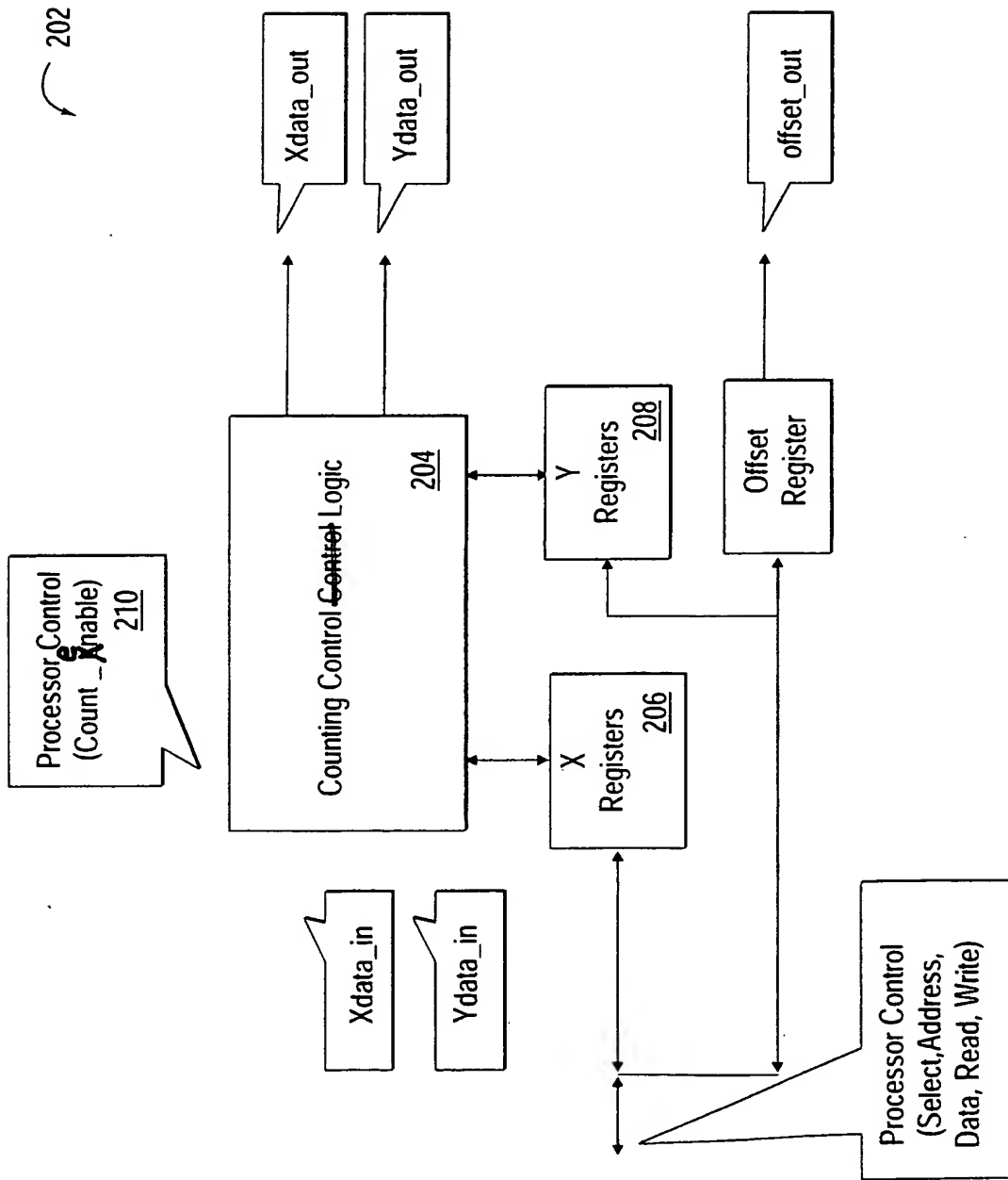


Fig. 2

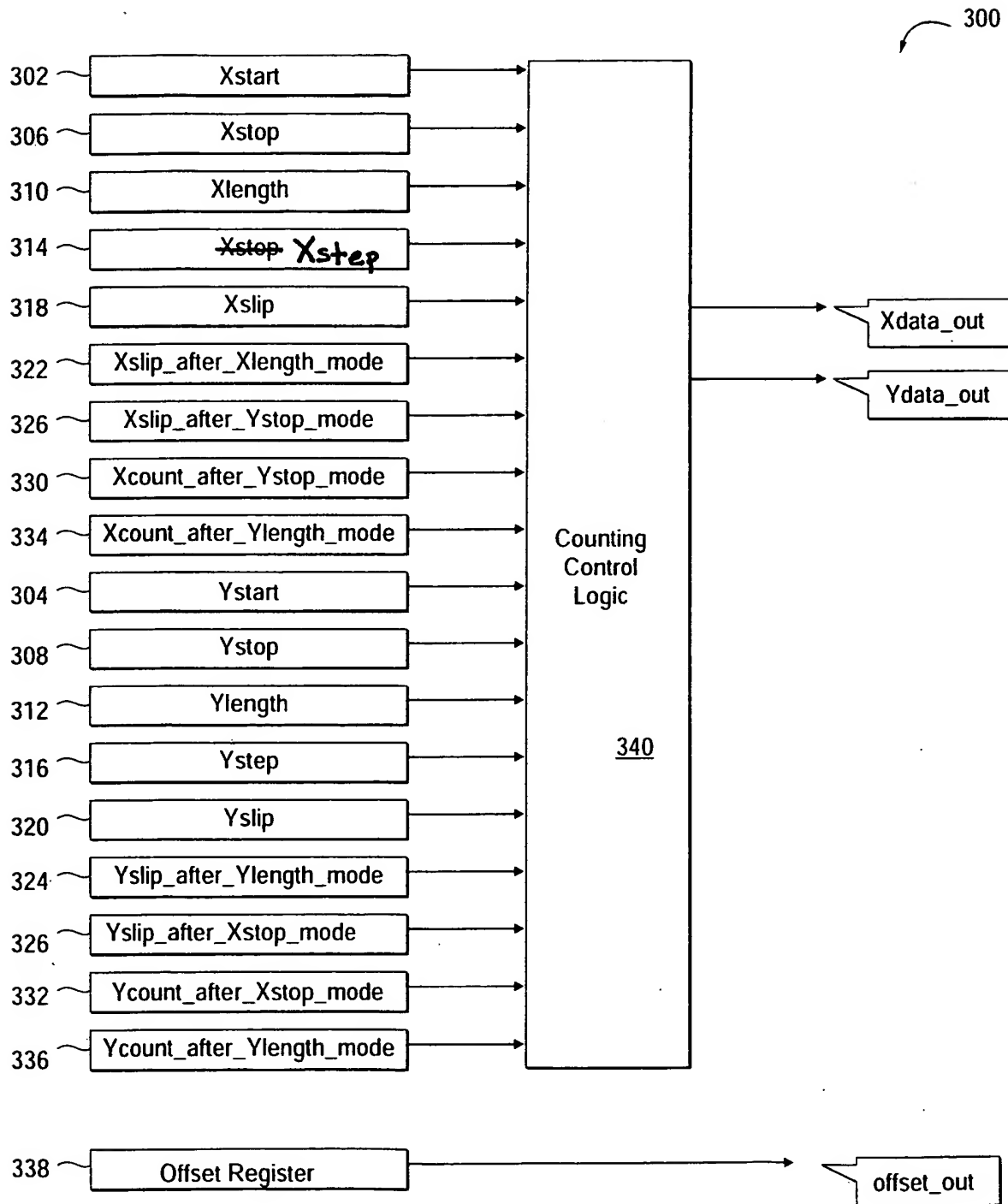


Fig. 3